

MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK FEB. 16 1999

STATUS OF BOND SINGLE WELL AMOUNT \$ \$ \$ BLANKET BOND AMOUNT \$ \$ \$ \$ ON FILE AMOUNT \$ \$ \$ \$ ON FILE AMOUNT \$ ON FILE OLD COMPANY), and that I am authorized by said company to make this report, and that this report was prepared under my support of the best of my knowledge. This permit number 2/16/99 PROVED BY NOTE THIS PERMIT NOT I ANSPERABLE TO AMOURL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PRINTED.	XX APPLICATION		☐ DEEPE	N 🗆 PLU	G BACK		FOR AN OIL W		Gas Council OR GAS WELL
SECRETION OF WELL AND LEASE WELL NUMBER AD-8 SECTION LINE	D.E.Explo		Inc. / Do		Cvans			Feb. 8,	
DESCRIPTION OF WELL AND LEASE WILL NUMBER AD—8 Belt on—Unit, Abbey—Duniap AD—8 Belt on—Unit, Abbey—Duniap AD—8 Belt on—Unit, Abbey—Duniap Belt on—Unit, Abbey—Duniap AD—8 Belt on—Unit, Abbey—Duniap Belt on—Unit, Abbey—Belt on—Unit, Abbey Belt on—Unit, Abbey—Belt		PO Box	128		ille.		ST		
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Description and that I am authorized by said company to make this report, and that this report was prepared under my support of direction and that the facts stated therein are true, correct, and complete to the best of my knowledge. DATE									
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Dempany), and that I am authorized by said company to make this report, and that this report was prepared under my support of different and that the facts stated therein are true, correct, and complete to the best of my knowledge. DATE DA		-1-1-11-11	1 5						
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this form by presence of a permit number and signature of authorized council representative.	at an approved	drilling permi	t has been obt	tained by the ov	vner of this	s well. C	ouncil approx	al of this pe	Company confi rmit will be sho
DATE	this form by pre	sence of a per	mit number an	d signature of au	thorized co	uncil rep	resentative.	po	50 3110
	LEH'S SIGNATURE		The state of the s				DAT	E	
REMIT TWO COPIES TO: MISSOURI OIL AND GAS COUNCIL, P.O. BOX 250, ROLLA, MO 65401							J DA	-	

Darrel Retrighes of the	he Hughes Drilling Co.
Company confirm that an approved drilling permit has been obta	ined by the owner of this well. Council approval of this permit
will be shown on this form by presence of a permit number and sig	
DRILLER'S SIGNATURE	DATE
1/m/ 12/1/11	00,1100



MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

WELL LOCATION PLAT

RECEIV	E
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OWNER							FEE	16 1999	
D.E.Explora	ation, Inc	. / [Dougla	as	G. Evans				***
LEASE NAME						COUNTY	MO OII	& Gas Cou	incii
Belton Unit, Abbey-Dunlap Cass									
220 FEET FROM S	SECTION LINE AND	660 FEE	ET FROM _		SECTION LIN	E OF SEC. 09	, TWP 46	N, RANGE _	33w
(N) - (S)				(E) - (w)			Т Т	
N									
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71			I-31						
				T					
SCALE		AD-8	-						
1" =			I-38	3					
			1 00						
		AD-2	140						
REMARKS									
INST	TRUCTIONS			Th	is is to Certify	y that I have ex	ecuted a s	urvey to acc	urately
On the above plat, show dis				loc	cate oil and gas	s wells in accorda	ance with 1	0 CSR 50-2.0	
two nearest section lines, the nearest well on the same le		at the results ar	re correctly show	n on the at	pove plat.				
same reservoir. Do not confu									
rule 10 CSR 50-2.030 for sui									
be marked.								(SEA	AL)
DEMIT TW	O (2) COPIES T	O:		REC	GISTERED LAND SUR	IVEYOR		NUMBER	
	- AND GAS COL								
	, ROLLA, MO 65						17.		
				1					





STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

WELL LOCATION PLAT 20665

OWNER'S NAME		Mo	Oll & Gas Courton
Kansas Resource Exploration and Development, LLC			
LEASE NAME		COUNT	Y
Belton Unit AD-8		Cass	
WELL LOCATION (GIVE FOOTAGE	FROM SECTION LINES)		
617 ft. from ☐ North ■ South from section	line 1915 ft from	m 🔳 East 🗌 West from	section line
WELL LOCATION		<u></u>	
Sec. 9 Township 46 North Range 33 East V	lest		
LATITUDE	LONGITUDE		
N38 49' 7.55"	W94 34' 23.49		
	Bell Sec	ton Unit DE/4 tion 9	D1-38 292' from
REMARKS			
1 Square = 660'		617'FSL	
INSTRUCTIONS On the above plat, show distance of the proposed well from to two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.	locate oil and that the result	s are correctly shown on	with 10 CSR 50-2.030 and the above plat.
REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143 ONE (1) COPY WILL BE RETURNED	REGISTERED LAND	SURVEYOR	NUMBER



MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL.
WELL COMPLETION OR RECOMPLETION REPORT AND WELL & Gas Council

Form OGC-5

(Rev. 1-86)

	-	and the latest										
D NEW WELL DW	YORKOVER D	EEPEN	☐ PLUG BACK [INJECTION	N D SAME	RESERV	OIR DIFF	ERENTR	ESERVO	R 🗆 OI	L D GAS D	D DRY
OWNER					ADDRESS							
D.E. Exp	oloration	, Ir	ic.			x 1	28, Wel	lsvi	lle,	KS 6	6092	
LEASE NAME					WELL NUMBER							
	bbey Dun	lap			AD-8							
660 From	2 5 2 2	lin	ne-660from	W 00	a lin	_	SEC. TWP. AN				VEY	
COUNTY			ABER (OGC-3 OR OGC-		C. III	.е	SE4	09, 2	46N 3	3 W		
Cass		0665		31)								
DATE SPUDDED	DAT	ETOTAL	DEPTH REACHED	DATE COMPL	ETED READY T	0	ELEVATION (DE DVD D	7.00.0.1	TELEVICE	011.05.01.011.0	
05/14/99			27/99	PRODUCE OR	INJECTO 3/	01/0	DEET	2r, nnn, n	1, OR G1.)	FLANGE	ON OF CASING	
TOTAL DEPTH	PLU	BACK	TOTAL DEPTH							1		FEE
635		VA.										
PRODUCING OR INJECT		OR THIS	COMPLETION		ROTARY TO	O D	D (INTERVAL) b	otton	1	CABLET	OOLS USED (IN	TERVAL
WAS THIS WELL DIRECT		DIRECT	TIONAL SURVEY MADE	2	DRILLING FL	UID USE	OF TESTWA	ater				
DRILLED						OF DIREC	TIONAL SURVEY	FILEO?		DATEFIL	LED	
TYPE OF ELECTRICAL C	OR OTHER LOGS RUN	(LIST L	OGS FILED WITH THE	STATE GEOLO	GIST)					DATEFIL	ED	
- Camma Ra	V										/23/99	
C + S				CASIN	G RECORD					10	123/33	
CASING (REPORT AL	SIZE HOLE DRIL	4 WELL				PRODU	JCING, ETC.)					
		LEU	SIZE CASING SET	WEIGH	IT (LB. FT)		EPTH SET	-	KS CEME	TM	AMOUNT PU	JLLED
surface	12"		7"			42	2.10	10)sks			
prod.	6 1/4		4½"			621	2 45	00	1			
prou.	04		45			623	3.45	995	KS			
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	PERFORATIO	N REC		INCH		FEET		FEET				FEET
NUMBER PER FEET	SIZE AND TYP	_			A14		SHOT, FRACT	URE, CE	MENTSO	UEEZER	RECORD	
	SIZE AND TTP	-	DEPTH INTER	AMOUNT AND KIND OF MATERIAL USED				DEPTH INTERVAL				
2	3 1/8JTX		580-590		20	/40	frac sa	and				
2								1114				
2	3 1/8JTX		485-500			/ 10	-					
			504-524 530-560	INITIAL P	RODUCTION		frac sa	and				
CATE OF FIRST PRODUC		PI	RODUCING METHOD (PUMPING - IF P	UMPING S	HOW SIZE	AND TYP	5 O5 B11112	
DATE OF TEST HOUR			pumping-s	tandar	d pump					AND IT	E OF FOMP.	
NA HOO	RS TESTED CHOK	ESIZE	OIL PRODUCED TEST NA	DURING	GAS PRODUC	ED DUR	ING TEST		RODUCED	DURING	OIL GRAVITY	
TUBING PRESSURE	CASING PRESSUR	E C	ALTED RATE OF PROD	bbis.	011		MCF	TEST		bbis	API	(CORR)
50#	100#		ER 24 HOURS 2	OCTION	011	- 1	GAS	WATER	1		GAS OIL RATI	
SPOSITION OF GAS (ST	TATE WHETHER VEN	TED. US	ED FOR FUEL OR SOLO	D)		bbis.	MCF			bbis.		
held in v	with back	pr	essure va.	lve								
METHOD OF DISPOSAL O												
	d-backhoe											
CERTIFICATE: 1. THE U				reside	nt		11					06746
D.E. EXP	loration,	In	e	COMPAN	Y, AND THAT I	AM AUT	HORIZED BY SA	D COMPA	NY TO MA	KE THIS R	EPORT, AND TH	OF THE
REPORT WAS PREPARED	OHOER MT SUPERVI	SION AN	NO DIRECTION AND TH	HAT THE FACTS	S STATED THE	REINAR	E TRUE, CORREC	TANDCO	MPLETET	OTHEBE	ST OF MY KNOW	LEDGE
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04-06-0	0		Songla 1	~ hu	Pr	25/						
0 780-0215 (1-86)			1			-,-						

OPERATOR OPERATOR

CONTRACTOR

5/14/99-5/27/99 APR 17 2000

HUGHES DRILLING COMPANY 122 NORTH MAIN WELLSVILLE, KANSAS 66092

MO Oil & Gas Gouge Exploration, Inc. Box 128

LOG

Wellsville, KS 66092

Belton Unit Well #AD-8

Cass Co., Missouri

Sec. 9, Twp. 46N, Rg. 33W 660' FSL

API #

	Sec. 9,	Twp. 46	N, Rg. 33W	660' FSL 660' FWL	
STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D
2	Soil	2	5	Lime	427
6	Clay	8	7	Shale	434
36	Lime	44		(Slate 427-428)	
27	Shale	71	8	Lime	442
11	Lime	82	4	Shale	446
5	Shale	87	2	Brown Sand (Lamin w/shale)	448
8	Red Bed	95	10	Shale	458
5	Shale	100	5	Lime	463
4	Lime	104	18	Shale	481
15	Shale (Slate 101-106)	119		(Slate 463-464) (Sdy. 476-481)	401
1	Lime	120	3½	Sdy. Shale	4845
7	Shale	127	.1	Sdy. Lime	485 2
16	Gray Sand	143	6	Sand	501½
15	Shale	158	2	Sdy: Lime	503½
1	Lime	159	41/2	Sand '	508
8	Shale	167	12	Broken Sand	520
28	Lime 30'	195	3	Sand	523
8	Shale (Slate 196-197)	203	19	Sdy. Lime & Shale Sand	
20	Lime 20'	223	5		544
4	Shale	227	10	Sdy. Lime & Sand Broken Sand	549
	(Slate 226-227)		1	Sand	559
3	Lime	230	12	Sdy. Lime	560
2	Shale	232	81/2		572
6	Lime "HERTHA"	238	0.5	Lime & Shale & Shells	580½
105	Shale (Brk. 240-243)	343	5	Sand	585 }
4	Gray Sand	347	1½	Shale	587
24	Shale	371	6½	Sand	5931/2
5	Gray Sand (Brk. w/Sdy. Lime)	376	1 40½	Sdy. Lime Shale	594½ 635T.D.
39	Shale	415			
4	Lime	419			
3	Shale	422			

CONTRACTOR

HUGHES DRILLING COMPANY 122 NORTH MAIN WELLSVILLE, KANSAS 66092 E C E I V E OPERATOR

APR 17 2000

MO Oil & Gas Council

LOG

Belton Unit Well # AD-8 cont.

API #

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
5/14/99-5/27	/99				
Drilled 635'	of hole $(6\frac{1}{4}")$				
5/14/99 Set 42.10' o	f 7" surface pipe.				
5/25/99 Cored Squirr	el Zone5 cores.				
5/26/99 Cored Squirr	el Zone3 cores.			1	
5/27/99 Set 623.45' Used 3 centr Float shoe o	alizers.				
		de Capacita			